

**VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION**

<input type="checkbox"/> <b>Conceptual Proposal</b>	<input type="checkbox"/> <b>Final Proposal</b>	Date <u>03-17-10</u>
Contract ID <u>100122-902</u>		Job No. <u>J9B0801H</u>
County <u>Texas</u>	Rt. <u>63</u>	Original Bid Cost <u>\$1,413,900.00</u>
Contractor <u>West Plains Bridge &amp; Grading</u>		By <u>Travis Sanders</u>
Designed By <u>Great River Engineering</u>		Phone <u>(417) 256-6554</u>
VECP# <u>10-32</u> (to be completed by C.O.)		VECP <input checked="" type="checkbox"/> or PDVECP <input type="checkbox"/>

**1. Description of existing requirements and proposed change(s). Advantages/Disadvantages**

The top mat of deck re-steel is to be tied at each cross or lap. We propose to tie all intersections except where spacing is less than 12 inches in each direction, in which case alternate intersections shall be tied. This is a cost saving for MoDOT in the reduction of labor costs to perform the work.

**2. Estimate of reduction in construction costs.** \$5278.00

**3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**

This will speed up the construction of the bridges, which will reduce the time the traffic is impacted and the construction personnel that is required on the job.

**4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.**

05-03-10

(date)

**5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**

05-03-10

(date)

This should reduce the closure time of the road.

(effect)

**6. Dates of any previous or concurrent submission of the same proposal.**

N/A

(date and/or dates)

**Additional Comments:**

MoDOT has two pilot projects within the state with similar guidelines for deck re-steel installaion. Travis Koestner strongly suggested submitting this VE during the AGC of MO & MoDOT Bridge Division Meeting. This will reduce the cost of Items No. 0350 and No. 0470.

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

**Comments:**

*Approval Recommended*

*Phil Froth*

Submitted By Resident Engineer

*22 March 10*

Date

**Comments:**



**Approval  
Recommended**

*Tom Lahn*

District Engineer

*4/1/10*

Date



**Rejection  
Recommended**

**Comments:**



**Approval  
Recommended**



**Rejection  
Recommended**

Federal Highway Administration  
Required for FHWA Full Oversight Projects

Date

**Comments:**

*Recommend approval as 50/50 VELP.*



**Approval**

*David D. Coover*

State Construction and Materials Engineer

*4-5-10*

Date



**Rejection**

# VALUE ENGINEERING CHECK SHEET

## *TYPE OF WORK*

(Check one that applies)

- X Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. \_\_\_\_\_

## *SUMMARY OF PROPOSAL*

(If needed, condense summary to a couple of lines)

Contractor proposes to tie the top mat of bridge deck reinforcing steel at alternating intersections where the spacing is less than 12 inches. This is a 50/50 split VECP.

## *SCANNING OF DOCUMENT*

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

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